

The mutant

Project N. _____
 B k No. _____

Tag N. _____

Control → No plaques.
 2899 → No plaques in either 10μl or 90μl
 2904 → 10 plaques on 10μl
 ~ 50 plaques on 90μl.

Infect 6 plaques from 2904 (F→Y) with 50μl DITSAF I &
 in 2 ml EG. → 6 hrs at 37°C.

Save cultures and plaques.

For 2899 : Re transform DITSAF I & without any dilution
 - similarly transform with control

Overlay with top agar using 10μl & 90μl.
 37°C O/N.

Control → 4 plaques (90μl)
 2899 → 1 plaque (10μl)
 13 plaques (90μl)

Save the plates at 4°C O/N.

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Issued & Understood by me,

Handwritten signature

Date

4/6/95

Invented by

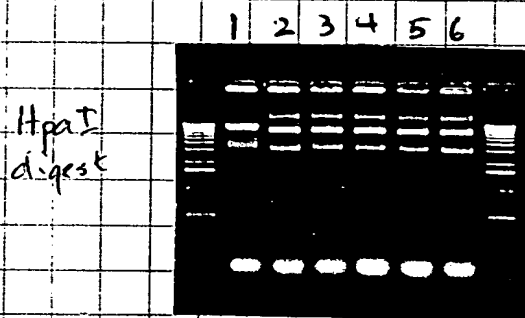
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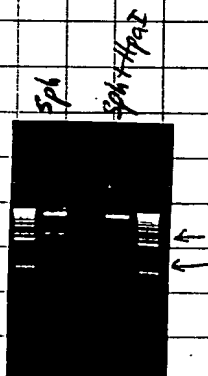
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Test F \rightarrow Y mutants (6 clones)Standard mini prep.
Digest with Hpa I.DNA was taken in 100 μ l TE.

#1 seems to be correct clone.

Test #1 with sph and sph + Hp

If correct, sphI fragment with spl
by about 600 bp.This gel proves that SphI fragment
indeed shorter by about 600 bp. \therefore Thus #1 clone is correct and
saved.

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